

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number
WO 2005/085266 A2

(51) International Patent Classification⁷: **C07H 17/00**

(74) Agent: **ELRIFI, Ivor R.**; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., One Financial Center, Boston, MA 02111 (US).

(21) International Application Number:
PCT/US2005/006082

(22) International Filing Date: 25 February 2005 (25.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/548,280 27 February 2004 (27.02.2004) US
60/575,949 1 June 2004 (01.06.2004) US

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (for all designated States except US): **RIB-X PHARMACEUTICALS, INC.** [US/US]; 300 George Street, Suite 301, New Haven, CT 06511 (US).

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FARMER, Jay, J.** [US/US]; 50 Linden Street, New Haven, CT 06511 (US). **BHATTACHARJEE, Ashoke** [IN/US]; 147 Elm Street, #7, West Haven, CT 06516 (US). **CHEN, Yi** [CN/US]; 15 Briarwood Circle, Cheshire, CT 06410 (US). **GOLDBERG, Joel, A.** [US/US]; 102 Lansdale Ave. Apt L, Milford, CT 06460 (US). **IPPOLITO, Joseph, A.** [US/US]; 586 Towner Swamp Road, Guilford, CT 06437 (US). **KANYO, Zoltan, F.** [US/US]; 1270 Ridge Road, North Haven, CT 06473 (US). **LOU, Rongliang** [CN/US]; 497 Cedar Lane, Cheshire, CT 06410 (US). **OYELERE, Adegboyega, K.** [NG/US]; 149 School Street, Hamden, CT 06518 (US). **SHERER, Edward, C.** [US/US]; 58 Ashley Park Drive, North Branford, CT 06471 (US). **SUTCLIFFE, Joyce, A.** [US/US]; 21 Sybil Creek Place, Branford, CT 06405 (US). **WANG, Deping** [CN/US]; 197 Oak Avenue, Cheshire, CT 06410 (US). **WU, Yusheng** [CN/US]; 9 Colonial Court, Lebanon, NJ 08833 (US). **DU, Yanming** [CN/—]; 368 Highland Avenue, Apt.B, Cheshire, CT 06410 (US).

Published:

— without international search report and to be republished upon receipt of that report

(48) Date of publication of this corrected version:
1 December 2005

(15) Information about Correction:
see PCT Gazette No. 48/2005 of 1 December 2005, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **MACROCYCLIC COMPOUNDS AND METHODS OF MAKING AND USING THE SAME**

(57) Abstract: The present invention provides macrocyclic compounds useful as therapeutic agents. More particularly, these compounds are useful as anti-infective, anti-proliferative, anti-inflammatory, and prokinetic agents.



WO 2005/085266 A2